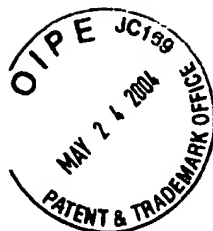


Please type a plus sign (+) inside this box → ☐



| | | | |
|---|---|------------------------|-----------------------------|
| Substitute for form 1449B/PTO | | Complete If Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 09/731,481 |
| | | Filing Date | 12-06-2000 MAY 28 2004 |
| | | First Named Inventor | Liu |
| | | Group Art Unit | 2623 Technology Center 2600 |
| | | Examiner Name | Bhatnagar, A. |
| | | Attorney Docket Number | MS1-684US |
| Sheet | 2 | of | 3 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| AB | | PEI et al., "Global Motion Estimation in Model-Based Image Coding by Tracking Three-Dimensional Contour Feature Points", IEEE, 1051-8215/98, 1998, pages 181-190. | |
| AB | | PIGHIN et al., "Resynthesizing Facial Animation Through 3-D Model-Based Tracking", IEEE, Inspec Accession Number 6371194, 1999, pages 1-8. | |
| AB | | SHAKUNAGA et al., "Integration of Eigentemplate and Structure Matching for Automatic Facial Feature Detection", IEEE, Inspec Accession Number 5920393, pages 1-6. | |
| AB | | PERLIN, "Realtime Responsive Animation with Personality", IEEE, 1071-2626/95, pages 5-15. | |
| AB | | SKARIA et al., "Modeling Subdivision Control Meshes for Creating Cartoon Faces", IEEE 0-7695-0853-7/01, 2001, pages 216-225. | |
| AB | | PARKE, "Computer Graphic Models for the Human Face", IEEE, CH515-6/79/0000-0724, 1979, pages 724-727. | |
| AB | | TERZOPOULOS et al., "Analysis of Facial Images Using Physical and Anatomical Models", IEEE, CH2934-8/90/0000/072, 1990, pages 727-732. | |
| AB | | DiPAOLA, "FaceSpace: a Facial Spatial-Domain Toolkit", IEEE, 1093-9547, pages 1-5. | |
| AB | | DeCARLO et al., "An Anthropometric Face Model using Variational Techniques", Proceedings SIGGRAPH 1998, pages 67-74. | |
| AB | | BLANZ et al., "Face Recognition Based on Fitting a 3D Morphable Model", IEEE, 0162-8828/03, 2003, pages 1063-1074. | |
| AB | | ZHENG et al., "3D Models from Contours: Further Identification of Unexposed Areas", IEEE, 0-8186, 1992, pages 733-741. | |

| | | | |
|--------------------|------------------------|-----------------|---------|
| Examiner Signature | <i>Arund Bhatnagar</i> | Date Considered | 12/5/04 |
|--------------------|------------------------|-----------------|---------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

**Complete if Known**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 3 | of | 3 |
|-------|---|----|---|

| | |
|-------------------------------|---------------|
| Application Number | 09/731,481 |
| Filing Date | 12-06-2000 |
| First Named Inventor | Liu |
| Group Art Unit | 2623 |
| Examiner Name | Bhatnagar, A. |
| Attorney Docket Number | MS1-684US |

NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

Grand Patronage

Date
Considered

12/5/64

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

+

**Complete if Known**

| | |
|-------------------------------|---------------|
| Application Number | 09/731,481 |
| Filing Date | 12-06-2000 |
| First Named Inventor | Liu |
| Group Art Unit | 2623 |
| Examiner Name | Bhatnagar, A. |
| Attorney Docket Number | MS1-684US |

(use as many sheets as necessary)

Sheet 1 of 3

[illegible][illegible]

12/6/04

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

+